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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,537	05/16/2005	Je-Kwon Goo	B-5537PCT 622217-1	7803
36716	7590	02/21/2008		
LADAS & PARRY 5670 WILSHIRE BOULEVARD, SUITE 2100 LOS ANGELES, CA 90036-5679			EXAMINER NGUYEN, THUY-AI N	
			ART UNIT 1796	PAPER NUMBER
			MAIL DATE 02/21/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/509,537	Applicant(s) GOO ET AL.	
	Examiner THUY-AI N. NGUYEN	Art Unit 1796	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 December 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) 1-9 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>06/03/2005, 11/24/2006, 02/11/2008</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

Applicant's response filed on 12/03/2007 has been fully considered. Applicant has selected Group III with traverse, corresponding to claims 10- 13, drawn to a method of making soap composition. Claims 1- 13 are pending. Claims 1- 9 are withdrawn from consideration as non- elected invention.

Applicant's election with traverse of the restriction in the reply filed on 12/03/2007 is acknowledged. The traversal is on the ground(s) that the USPTO does not require this application to have one invention. This is not found persuasive because the application lacks of technical feature which has been explained in the restriction, creating burden for the examiner for searching different inventions at the same time.

The requirement is still deemed proper and is therefore made FINAL.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 10 - 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Gu Seiken et al. (JP. 2000-169879).

Regarding claim 10, Gu Seiken et al. teach the method for preparing soap containing salt, which comprises:

- a step of neutralizing saturated or unsaturated fatty acid with caustic soda or (sodium hydroxide) [0023 or 0031 and 0033], wherein the alkyl of fatty acid has 7 to 21 carbon atoms [0019], and the fatty acid system which is alkali salt of high fatty acid [0020], wherein the alkyl group of fatty acid has 7 to 21 carbon atoms [0019], and has the formula of RCOO [0019].

- a step of reacting fatty acid salt with 3- chloro-2- hydroxypropanesulfonic acid [0020] having the same formula as claimed by the applicant [0037], wherein the process of preparing comprises the solvent including water [0039].

Regarding claim 11, Gu Seiken et al. teach the method for preparing soap, wherein the alkyl group of the fatty acid is obtained independent or mixed fatty acid [0019]. Thus, the step of neutralization of fatty acid, the saturated or unsaturated fatty acid can be used individually or in combination.

Regarding claim 12, Gu Seiken et al. teach the method for preparing soap, wherein the fatty acid salt (beef tallow sodium) is about 76.65 percent (example 1, [0049]), and chlorosulfonic acid is in an amount of from 30 to 45 percent by weight [0039]. Therefore, the ratio of fatty acid salt to chlorosulfonic acid (Chemical formula 2 as in the claim) is about 2:1 or 1: 0.5 within the range as claimed by the applicant.

Regarding claim 13, Gu Seiken et al. teach the method for preparing soap, wherein the soap contains 2 to 35 percent by weight of monoglyceride sulfonate [0010].

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THUY-AI N. NGUYEN whose telephone number is (571)270-3294. The examiner can normally be reached on Monday-Friday: 8:30 a.m. - 5:00 p.m. eastern time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Eashoo can be reached on 571-272-1197. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mark Eashoo/
Supervisory Patent Examiner, Art Unit 1796
February 18, 2008

February 14th, 2008

Patent Examiner
Thuy – Ai N. Nguyen